

**REMARKS**

**Status of the Claims and Amendment**

Entry and consideration of this Amendment are respectfully requested. Claims 1, 3, 5, 10-11, 14-17, 19-21, 23-25, and 27-31 have been amended. Claims 4 and 9 are canceled herewith without prejudice or disclaimer. New claim 32 has been added. Claims 1-3, 5-8, and 10-32 are all the claims pending in this application.

Claims 1, 3, 5, 10-11, 14-17, 19-21, 23-25, and 27-31 have been amended with editorial changes, and to remove the multiple claim dependency. Also, claim 3 has been amended to incorporate the limitations of claim 4.

Support for new claim 32 may be found in original claim 29.

No new matter is added.

**Response to Election of Species Requirement**

This responds to the Election of Species Requirement, dated February 17, 2011. The Examiner has identified the application as containing claims directed to more than one distinct species. The Examiner has required the Applicants to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted. The Examiner believes claims 1-8 are generic. Applicants have been advised that a response to this requirement shall include an identification of the species that is elected and a listing of all claims readable thereon.

In response to the Examiner's requirement, Applicants elect "ParA resolvase" for examination on which claims 1-3, 5-8, and 10-32 are readable.

Applicants submit that if any of the elected claims is found to be allowable, claims dependent therefrom should similarly be considered allowable in the same application. Applicants reserve the right to file one or more Divisional Applications directed to non-elected subject matter.

**Conclusion**

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

/Tu A. Phan/

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

---

Tu A. Phan, Ph.D.  
Registration No. 59,392

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: March 15, 2011